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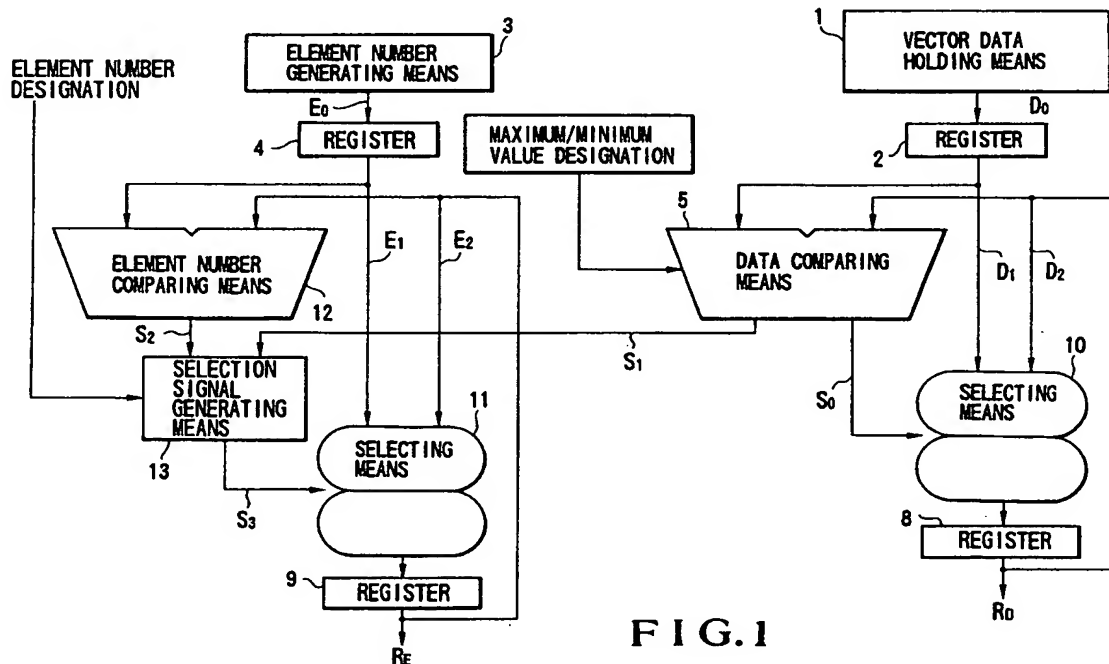
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(54) **Vector data retrieval apparatus.**

(57) A vector data retrieval apparatus includes a unit for instructing whether to output a smallest or largest element number of element numbers to be output

when a plurality of maximum or minimum values are present in vector data.

**FIG. 1**

EP 0 404 012 A3



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EUROPEAN SEARCH REPORT

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EP 90 11 1448

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
A	FR-A-2 121 207 (TEXAS INSTRUMENTS INC.) * claim 4; figures 1-4 *	1,2	G06F7/00
A	US-A-3 924 078 (C. J. BUSSEY) * column 3, line 35 - column 4, line 2; figures 1,2 *	2	
A	US-A-4 410 960 (Y. KASUYA) * column 1, line 1 - line 55; figures 1,2,3A *	2	
A	IBM TECHNICAL DISCLOSURE BULLETIN, vol. 29, no. 5, October 1986, NEW YORK US pages 1975 - 1978; 'ALU implementing native minimum/maximum function for signal processing applications' * the whole document *	2	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			G06F
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 23 MARCH 1992	Examiner DURAND J.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			
T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons A : member of the same patent family, corresponding document			